

GAZI UNIVERSITY FACULTY OF MEDICINE

YEAR 2

2026-2027 EDUCATIONAL YEAR

NEUROLOGICAL SCIENCES COMMITTEE (14 September – 28 October 2026)

COURSES	THEORETICAL	LABORATORY	PRACTICAL	TOTAL
Anatomy	46	2x8		62
Physiology	39	2x2		43
Histology and Embryology	11	2x3		17
Biophysics	10			10
Medical History and Ethics	4			4
Panel: Learning Physiology, Medical Education and Information	2			2
Panel: MS Histology and Embryology, Neurology, Radiology	1			1
TOTAL	113	26		139
Elective Courses	12			12
Medical English	12			12
Meeting with Year 2 Coordinators	1			1
INTRODUCTION TO MEDICINE				
Clinical Skills Education (CSE)			2x1	2
TOTAL	138	26	2	166
TOTAL FREE STUDY TIME	66 Hours			

32.5 Work Days

23.10.2026	Friday	Year 2 Applied Exam
26.10.2026	Monday	Year 2 Applied Exam
27.10.2026	Tuesday	Year 2 Applied Exam
28.10.2026	Wednesday	Year 2 Theoretical Exam

Dean	Prof.Dr. Alper CEYLAN
Vice Dean	Prof. Dr. Nazmi Mutlu KARAKAŞ
Vice Dean	Prof. Dr. Asiye UĞRAŞ DİKMEN
Head Coordinator	Prof.Dr. Çiğdem ÖZER
Assistant Head Coordinator	Prof.Dr. Akif Muhtar ÖZTÜRK
Assistant Head Coordinator (ENG)	Prof.Dr. Mehmet Ali ERGÜN
Year 2 Coordinator	Prof. Dr. C. Merve SEYMEN
Assistant Year 2 Coordinator	Assist. Prof. Arın TOMRUK
Assistant Year 2 Coordinator	Teach. Assist. Dr. Nihan ÖRÜKLÜ
Assistant Year 2 Coordinator	Teach. Assist. Dr. Ayşe SOYLU
Assistant Year 2 Coordinator	Teach. Assist. Dr. Betül MOĞULKOÇ

NEUROLOGICAL SCIENCES COMMITTEE

Aim

To be able to tell the anatomical, histological and physiological information about the embryonic development, developmental anomalies and malformations of the nervous system, the structures and functions of the central nervous system, to be able to explain the clinical connections, to be aware of the deontology, basic concepts and professional rules

LEARNING OUTCOMES

Knowledge Based

To be able to:

LO-200-1-1 explain legislation for the practice of the medical profession, basic knowledge of medicine, approaches to medicine, physician-patient relationship (evolutionary development and current situation, expected physician-patient relationship)

LO-200-1-2 be able to tell from which germ layers the nervous system develops, in which week, and possible congenital anomalies

LO-200-1-3 say the anatomical location of central nervous system structures

LO-200-1-4 describe the histological properties of central and peripheral nervous system organs

LO-200-1-5 explain how the motor and sensory functions of the nervous system occur at the level of the medulla spinalis, brainstem and cortex

LO-200-1-6 count cranial nerves

LO-200-1-7 describe the anatomical structure of the brain, tell the role of motor control and motor learning and related mechanisms

LO-200-1-8 describe the histological structure of spinal cord of medulla, describe descending pathways, define spinal reflexes

LO-200-1-9 be able to describe the eye anatomy and visual pathways, the embryology and histology of the eye, the ear anatomy and auditory pathways, the embryology and histology of the ear, and be able to tell the physiological mechanisms of vision and hearing.

LO-200-1-10 explain the autonomic nervous system

LO-200-1-11 explain the advanced functions of the nervous system, such as conditioned reflexes, learning and memory, with physiological mechanisms

LO-200-1-12 discuss the electrical properties of EEG and brain

Application Based (practical skills)

LO-200-1-13 able to distinguish and show macroscopic structures of the central and peripheral nervous system

LO-200-1-14 ability to show macroscopic structures in the ear and eye and distinguish microscopic structures in the eye

LO-200-1-15 must be able to distinguish the gray and white layers of the full brain at microscope

LO-200-1-16 be able to distinguish the gray and white layers of the spinal cord, the anterior and posterior horns, and the peripheral nerves and ganglia under the microscope

LO-200-1-17 must be able to show the anatomical, physiological and histological features of the eye and ear

LO-200-1-18 must be able to prepare decerebre and spinal frog preparations. M. Spinalis reflexes should be shown on experiment animal

LO-200-1-19 can show various reflexes in man

LO-200-1-20 be able to distinguish reaction time and reflex time

Skills Based (intellectual and transferable skills)

LO-200-1-21 be aware of the importance of cadaver use in anatomy education

LO-200-1-22 take into consideration the role of histology laboratory rules and microscope use in histology education.

LO-200-1-23 be aware of the importance of ethical rules in the use of experimental animals and practices on human beings

MEMBERS OF COMMITTEE

ANATOMY	BIOPHYSICS	HISTOLOGY EMBRYOLOGY	PHYSIOLOGY	MEDICAL HISTORY AND ETHICS
Dr. Meltem BAHÇELİOĞLU	Dr. Elçin ÖZGÜR BÜYÜKATALAY	Dr. Çiğdem ELMAS	Dr. A. Meltem SEVGİLİ	Dr. Namık ÇENCEN
Dr. Kerem ATALAR		Dr. C. Merve SEYMEN	Dr. Pelin TÜRKKAN	
		Dr. Zeynep YIĞMAN	Dr. Burak KAYABAŞI	
		Dr. S. Esra ÖZKOÇER		
		Dr. Duygu DAYANIR		

ANATOMY LABORATORY	HISTOLOGY & EMBRYOLOGY	PHYSIOLOGY LABORATORY
Dr. Meltem BAHÇELİOĞLU	Dr. Gülnur TAKE KAPLANOĞLU	Dr. A. Meltem SEVGİLİ
Dr. Kerem ATALAR	Dr. Çiğdem ELMAS	Dr. Pelin TÜRKKAN
Dr. Ayşe SOYLU	Dr. Cemile Merve SEYMEN	Dr. Burak KAYABAŞI
Dr. Ekin KARTAL	Dr. Zeynep YIĞMAN	
Dr. Bahar Selenay BULUT	Dr. S. Esra ÖZKOÇER	
Dr. Burcu Gözükara ERIŞ	Dr. Duygu DAYANIR	

Clinical Skills Education Coordinator	Prof. Dr. Nurten İNAN
Elective Course Coordinator	Assoc. Prof. Dr. Ergin DİLEKÖZ

1th WEEK	Monday 14.09.2026	Tuesday 15.09.2026	Wednesday 16.09.2026	Thursday 17.09.2026	Friday 18.09.2026
08:30-09:20	FREE STUDY TIME	FREE STUDY TIME	Somatovisserral Sensory System Dr. SEVGİLİ	Pain Sensation Dr. SEVGİLİ	Diencephalon and 3. Ventricle Dr. ATALAR
09:30-10:20	MEETING WITH COORDINATORS	Nervous System Embryology Dr.YIĞMAN	Somatovisserral Sensory System Dr. SEVGİLİ	Pain Sensation Dr. SEVGİLİ	Diencephalon and 3. Ventricle Dr. ATALAR
10:30-11:20	General Morphology of The Nervous System Dr. ATALAR	Medulla Oblongata, Pons, and 4.Ventricle Dr. ATALAR	Nervous System Embryology Dr.YIĞMAN	Mesencephalon Dr. ATALAR	Nervous System Histology Dr. DAYANIR
11:30-12:20	General Morphology of The Nervous System Dr. ATALAR	Medulla Oblongata, Pons, and 4. Ventricle Dr. ATALAR	Nervous System Embryology Dr.YIĞMAN	Mesencephalon Dr. ATALAR	Nervous System Histology Dr. DAYANIR
13:30-14:20	Internal Structure of The Spinal Cord Dr. ATALAR	Medulla Oblongata, Pons, and 4. Ventricle Dr. ATALAR	Cerebellum Dr. ATALAR	Anatomy Lab 1 (Group A-B) Histology Lab 1 (Group C-D)	The Control of Motor Function by Medulla Spinalis Dr. KAYABAŞI
14:30-15:20	General Organization of Central Nervous System Dr. SEVGİLİ	Somatovisserral Sensory System Dr. SEVGİLİ	Cerebellum Dr. ATALAR	Anatomy Lab 1 (Group A-B) Histology Lab 1 (Group C-D)	The Control of Motor Function by Medulla Spinalis Dr. KAYABAŞI
15:30-16:20	General Organization of Central Nervous System Dr. SEVGİLİ	The Functions of Thalamus and Somatosensory Cortex Dr. SEVGİLİ	Nervous System Histology Dr. DAYANIR	Anatomy Lab 1 (Group C-D) Histology Lab 1 (Group A-B)	The Control of Motor Function by Medulla Spinalis Dr. KAYABAŞI
16:30-17:20	FREE STUDY TIME	FREE STUDY TIME	Nervous System Histology Dr. DAYANIR	Anatomy Lab 1 (Group C-D) Histology Lab 1 (Group A-B)	Introduction to the Concepts of Ethics- Deontology- Bioethics-Morals Dr. ÇENÇEN

2 nd WEEK	Monday 21.09.2026	Tuesday 22.09.2026	Wednesday 23.09.2026	Thursday 24.09.2026	Friday 25.09.2026
08:30-09:20	FREE STUDY TIME	Telencefalon, Basal Nuclei and Lateral Ventricles Dr. ATALAR	FREE STUDY TIME	FREE STUDY TIME	Anatomy Lab 2 (Group C-D)
09:30-10:20	Motor Cortex and Cortical Motor Areas Dr. KAYABAŞI	Telencefalon, Basal Nuclei and Lateral Ventricles Dr. ATALAR	CNS Ascending and Descending Tracts Dr.BAHÇELIOĞLU	FREE STUDY TIME	Anatomy Lab 2 (Group C-D)
10:30-11:20	Telencefalon, Basal Nuclei and Lateral Ventricles Dr. ATALAR	FREE STUDY TIME	CNS Ascending and Descending Tracts Dr.BAHÇELIOĞLU	Cranial Nerves Dr. BAHÇELIOĞLU	Anatomy Lab 2 (Group A-B)
11:30-12:20	Telencefalon, Basal Nuclei and Lateral Ventricles Dr. ATALAR	FREE STUDY TIME	The Role of Cerebellum in The Motor Control Dr. SEVGİLİ	Cranial Nerves Dr. BAHÇELIOĞLU	Anatomy Lab 2 (Group A-B)
13:30-14:20	The Role of Basal Ganglia in The Motor Control Dr. SEVGİLİ	Medical English	The Role of Cerebellum in The Motor Control Dr. SEVGİLİ	The Control of Motor Function by Brain Stem Dr. KAYABAŞI	Physiology Lab 1 (Group A)
14:30-15:20	The Role of Basal Ganglia in The Motor Control Dr. SEVGİLİ	Medical English	CNS Ascending and Descending Tracts Dr.BAHÇELIOĞLU	The Control of Motor Function by Brain Stem Dr. KAYABAŞI	Physiology Lab 1 (Group A)
15:30-16:20	Medical Methodology Dr. ÇENÇEN	Elective Courses	CNS Ascending and Descending Tracts Dr.BAHÇELIOĞLU	FREE STUDY TIME	Physiology Lab 1 (Group C)
16:30-17:20	Medicine and Medical Scientific Knowledge Dr. ÇENÇEN	Elective Courses	CNS Ascending and Descending Tracts Dr.BAHÇELIOĞLU	FREE STUDY TIME	Physiology Lab 1 (Group C)

3 rd WEEK	Monday 28.09.2026	Tuesday 29.09.2026	Wednesday 30.09.2026	Thursday 01.10.2026	Friday 02.10.2026
08:30-09:20	FREE STUDY TIME	Vision Dr. TÜRKKAN	Anatomy Lab 3 (Group C-D)	Vision Dr. TÜRKKAN	Ear Anatomy and Hearing Pathways DR. BAHÇELIOĞLU
09:30-10:20	Cranial Nerves Dr. BAHÇELIOĞLU	Autonomous Nervous System (Parasympathetic) Dr. BAHÇELIOĞLU	Anatomy Lab 3 (Group C-D)	Vision Dr. TÜRKKAN	Ear Anatomy and Hearing Pathways DR. BAHÇELIOĞLU
10:30-11:20	Cranial Nerves Dr. BAHÇELIOĞLU	Autonomous Nervous System (Sympathetic) Dr. BAHÇELIOĞLU	Anatomy Lab 3 (Group A-B)	Ear Anatomy and Hearing Pathways DR. BAHÇELIOĞLU	Ear Embryology and Histology Dr. ELMAS
11:30-12:20	Eye Anatomy and Visual Pathways Dr. ATALAR	Autonomous Nervous System (Sympathetic) Dr. BAHÇELIOĞLU	Anatomy Lab 3 (Group A-B)	Ear Anatomy and Hearing Pathways DR. BAHÇELIOĞLU	Ear Embryology and Histology Dr. ELMAS
13:30-14:20	Eye Anatomy and Visual Pathways Dr. ATALAR	Medical English	Eye Anatomy and Visual Pathways Dr. ATALAR	Descending Pathways of Motor Control Systems Dr. KAYABAŞI	EEG and Epilepsy Dr. SEVGİLİ
14:30-15:20	Eye Embryology and Histology Dr. SEYMEN	Medical English	Eye Anatomy and Visual Pathways Dr. ATALAR	Descending Pathways of Motor Control Systems Dr. KAYABAŞI	Physiology of Sleep Dr. SEVGİLİ
15:30-16:20	Eye Embryology and Histology Dr. SEYMEN	Elective Courses	Interdisciplinary Sciences and Biophysics Dr. ÖZGÜR BÜYÜKATALAY	Descending Pathways of Motor Control Systems Dr. KAYABAŞI	FREE STUDY TIME
16:30-17:20	Physician-Patient Relationship Dr. ÇENÇEN	Elective Courses	Interdisciplinary Sciences and Biophysics Dr. ÖZGÜR BÜYÜKATALAY	FREE STUDY TIME	FREE STUDY TIME

4th WEEK	Monday 05.10.2026	Tuesday 06.10.2026	Wednesday 07.10.2026	Thursday 08.10.2026	Friday 09.10.2026 DIII 1. Board Exam
08:30-09:20	Taste and Olfaction Dr. TÜRKKAN	FREE STUDY TIME	Anatomy Lab 4 (Group A-B) Histology Lab 2 (Group C-D)	Retina and Its Photoreceptor Cells, Receptor Potentials Dr. ÖZGÜR BÜYÜKATALAY	FREE STUDY TIME
09:30-10:20	Taste and Olfaction Dr. TÜRKKAN	Spinal Meninges, Vessels and Cerebrospinal Fluid Dr. ATALAR	Anatomy Lab 4 (Group A-B) Histology Lab 2 (Group C-D)	Retina and Its Photoreceptor Cells, Receptor Potentials Dr. ÖZGÜR BÜYÜKATALAY	FREE STUDY TIME
10:30-11:20	Central Control of Autonomic Functions Dr. SEVGİLİ	Meninges and Vessels of The Brain Dr. ATALAR	Anatomy Lab 4 (Group C-D) Histology Lab 2 (Group A-B)	Limbic System Dr. BAHÇELIOĞLU	FREE STUDY TIME
11:30-12:20	Central Control of Autonomic Functions Dr. SEVGİLİ	Meninges and Vessels of The Brain Dr. ATALAR	Anatomy Lab 4 (Group C-D) Histology Lab 2 (Group A-B)	Limbic System Dr. BAHÇELIOĞLU	FREE STUDY TIME
13:30-14:20	Visible Light and Optical Components of Eye Dr. ÖZGÜR BÜYÜKATALAY	Medical English	Clinical and Radiographic Anatomy Dr. BAHÇELIOĞLU	Anatomy Lab 5 (Group A-B) Physiology Lab 1 (Group D)	FREE STUDY TIME
14:30-15:20	Visible Light and Optical Components of Eye Dr. ÖZGÜR BÜYÜKATALAY	Medical English	Clinical and Radiographic Anatomy Dr. BAHÇELIOĞLU	Anatomy Lab 5 (Group A-B) Physiology Lab 1 (Group D)	FREE STUDY TIME
15:30-16:20	FREE STUDY TIME	Elective Courses	FREE STUDY TIME	Anatomy Lab 5 (Group C-D) Physiology Lab 1 (Group B)	FREE STUDY TIME
16:30-17:20	FREE STUDY TIME	Elective Courses	FREE STUDY TIME	Anatomy Lab 5 (Group C-D) Physiology Lab 1 (Group B)	FREE STUDY TIME

5 th WEEK	Monday 12.10.2026	Tuesday 13.10.2026	Wednesday 14.10.2026	Thursday 15.10.2026	Friday 16.10.2026
08:30-09:20	FREE STUDY TIME	FREE STUDY TIME	PANEL: LEARNING	Anatomy Lab 7 (Group A-B) Physiology Lab 2 (Group C)	FREE STUDY TIME
09:30-10:20	Cerebral Cortex and High Functions of The Nervous System Dr. SEVGİLİ	Limbic System and Monoaminergic System Dr. SEVGİLİ	PANEL: LEARNING	Anatomy Lab 7 (Group A-B) Physiology Lab 2 (Group C)	Clinical and Radiographic Anatomy Dr.BAHÇELIOĞLU
10:30-11:20	Cerebral Cortex and High Functions of The Nervous System Dr. SEVGİLİ	Limbic System and Monoaminergic System Dr. SEVGİLİ	Conditioned Reflex, Learning and Memory Dr. SEVGİLİ	Anatomy Lab 7 (Group C-D) Physiology Lab 2 (Group A)	Clinical and Radiographic Anatomy Dr.BAHÇELIOĞLU
11:30-12:20	PANEL: MS	Neural Plasticity Dr. SEVGİLİ	Conditioned Reflex, Learning and Memory Dr. SEVGİLİ	Anatomy Lab 7 (Group C-D) Physiology Lab 2 (Group A)	Clinical and Radiographic Anatomy Dr.BAHÇELIOĞLU
13:30-14:20	Introduction to Hearing Biophysics Dr. ÖZGÜR BÜYÜKATALAY	Medical English	Anatomy Lab 6 (Group C-D)	Physiology Lab 2 (Group B)	FREE STUDY TIME
14:30-15:20	Introduction to Hearing Biophysics Dr. ÖZGÜR BÜYÜKATALAY	Medical English	Anatomy Lab 6 (Group C-D)	Physiology Lab 2 (Group B)	FREE STUDY TIME
15:30-16:20	FREE STUDY TIME	Elective Courses	Anatomy Lab 6 (Group A-B)	Physiology Lab 2 (Group D)	FREE STUDY TIME
16:30-17:20	FREE STUDY TIME	Elective Courses	Anatomy Lab 6 (Group A-B)	Physiology Lab 2 (Group D)	FREE STUDY TIME

6 th WEEK	Monday 19.10.2026	Tuesday 20.10.2026	Wednesday 21.10.2026	Thursday 22.10.2026	Friday 23.10.2026
08:30-09:20	Hearing and Vestibular System Dr. TÜRKKAN	Physiology Lab (Make Up)	CSE	Anatomy Lab 8 (Group C-D) Histology Lab General Review (Group A-B)	APPLIED EXAM
09:30-10:20	Hearing and Vestibular System Dr. TÜRKKAN	Physiology Lab (Make Up)	CSE	Anatomy Lab 8 (Group C-D) Histology Lab General Review (Group A-B)	APPLIED EXAM
10:30-11:20	Ear: Outer-Middle and Inner Ear, Membrana Basilar Dr. ÖZGÜR BÜYÜKATALAY	Physiology Lab (Make Up)	CSE	Anatomy Lab 8 (Group A-B) Histology Lab General Review (Group C-D)	APPLIED EXAM
11:30-12:20	Ear: Outer-Middle and Inner Ear, Membrana Basilar Dr. ÖZGÜR BÜYÜKATALAY	Physiology Lab (Make Up)	CSE	Anatomy Lab 8 (Group A-B) Histology Lab General Review (Group C-D)	APPLIED EXAM
13:30-14:20	FREE STUDY TIME	Medical English	FREE STUDY TIME	FREE STUDY TIME	APPLIED EXAM
14:30-15:20	FREE STUDY TIME	Medical English	FREE STUDY TIME	FREE STUDY TIME	APPLIED EXAM
15:30-16:20	FREE STUDY TIME	Elective Courses	FREE STUDY TIME	FREE STUDY TIME	APPLIED EXAM
16:30-17:20	FREE STUDY TIME	Elective Courses	FREE STUDY TIME	FREE STUDY TIME	APPLIED EXAM

7th WEEK	Monday 26.10.2026	Tuesday 27.10.2026	Wednesday 28.10.2026	Thursday 29.10.2026	Friday 30.10.2026
08:30-09:20	APPLIED EXAM	APPLIED EXAM	THEORETICAL EXAM	PUBLIC HOLIDAY	Respiratory and Cardiovascular Systems Committee Beginning
09:30-10:20	APPLIED EXAM	APPLIED EXAM	THEORETICAL EXAM	PUBLIC HOLIDAY	
10:30-11:20	APPLIED EXAM	APPLIED EXAM	THEORETICAL EXAM	PUBLIC HOLIDAY	
11:30-12:20	APPLIED EXAM	APPLIED EXAM	THEORETICAL EXAM	PUBLIC HOLIDAY	
13:30-14:20	APPLIED EXAM	Medical English	PUBLIC HOLIDAY	PUBLIC HOLIDAY	
14:30-15:20	APPLIED EXAM	Medical English	PUBLIC HOLIDAY	PUBLIC HOLIDAY	
15:30-16:20	APPLIED EXAM	Elective Courses	PUBLIC HOLIDAY	PUBLIC HOLIDAY	
16:30-17:20	APPLIED EXAM	Elective Courses	PUBLIC HOLIDAY	PUBLIC HOLIDAY	